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ABSTRACT

In order to establish base line information on microcomputers and their use for K-12 schools in Louisiana, the State Department of Education measured the current status of the use of computers in the public schools of the state. Two different forms were used for the survey, one designed to collect information on the instructional use of the computer in the schools, and the second designed to examine the central office data processing activities. A total of 66 local education agencies (LEAs) were contacted by the State Department of Education; 51 responded by returning the instrument. Results indicate the following: (1) 40 LEAs (78% of the respondents) have microcomputers in one or more schools; (2) 30% of the schools in the responding LEAs are using computers in instruction; (3) all grade levels--K-12--are involved, with the most involvement at the highest grade level; (4) the computer is used most in mathematics classes; (5) the Tandy Corporation's TRS-80 computers were the most widely used (54%), and Apple came next with 25%; and (6) inservice teacher training was ranked the most important need by 70% of the respondents, followed by software and hardware information as second and third in importance. Eleven data tables summarize survey findings, and sample survey instruments are appended. (JB)

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THE USE OF THE COMPUTER IN LOUISIANA SCHOOLS

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Bulletin 1679

Prepared by
Bureau of Management Information Systems
Office of Research and Development
May 1982

LOUISIANA DEPARTMENT OF EDUCATION
J. Kelly Nix, State Superintendent

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LOUISIANA STATE DEPARTMENT OF EDUCATION

J. Kelly Nix, Superintendent

THE USE OF THE COMPUTER IN LOUISIANA SCHOOLS

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Prepared by

BUREAU OF MANAGEMENT INFORMATION SYSTEMS

OFFICE OF RESEARCH AND DEVELOPMENT

May 1982

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LOUISIANA DEPARTMENT OF EDUCATION

J. Kelly Nix, Superintendent

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THE USE OF THE COMPUTER IN LOUISIANA SCHOOLS

INTRODUCTION

The proliferation of computers in Louisiana schools is accelerating at an astounding rate. The Department is making a concentrated effort to develop its role in providing information and guidance to the teachers and administrators. The Bureau of Management Information Systems, working with other bureaus within the Office of Research and Development, and with other offices in the Department, such as the Office of Academic Programs, has studied the current literature on instructional computing, visited and interviewed specialists, and developed knowledge of the technology. The current status of the use of computers in our Louisiana schools was measured in order to identify problems and needs in our educational community. With this first view, the Department will tune its activities designed to aid our Louisiana schools in the effective use of computers. Any questions regarding this survey should be directed to Dr. John Hubbell at (504) 342-0092.

THE POPULATION

There are a total of 1514 public schools in the state of Louisiana, distributed among 66 Local Education Agencies (LEA's). The Superintendent of each LEA was contacted by the SDE. The importance of current information on the use of computers in the schools in determining the needs and designing services to be provided on a state level was discussed. In order to keep the data reporting burden on school staff at a minimum, a short survey instrument was designed to be mailed to the individual designated by each LEA Superintendent as Instructional Computing Coordinator. In most instances, the individual reached by a phone call expressed a preference for a mail survey because of the difficulty in gathering the data quickly.

THE INSTRUMENT

The survey instrument consisted of two sheets. See Appendix A. One sheet, Part A, was designed to capture information on the instructional use of the computer in the schools. The second sheet, Part B, was designed to examine the central office data processing activities. In many LEA's the first sheet was answered by an instructional staff member and the second by a data processing staff member.

FINDINGS

Of the 66 LEA's contacted, 51 responded by returning the instrument. Forty LEA's, or 78 percent of the responding LEA's, have microcomputers in one or more schools. Most added that they had more microcomputers on order. The respondents were asked how many public schools were using computers in instruction and how many schools were not. The results are summarized in Table 1. Currently, 30 percent of the schools in the responding LEA's are using computers in instruction. The distribution of instructional computing across grades (Table 2), shows that all grade levels -- K through 12 -- are involved, with the most involvement at the highest grade level. Table 3 shows the distribution of computer use across subject areas. Note that the computer is used most in Mathematics courses. Computer Science is considered part of the Mathematics curriculum. Twenty-seven LEA's are using computers in Mathematics courses other than Computer Science. Twenty-two are using the computer in Computer Science courses. Thirty-four LEA's are using computers in the Mathematics curriculum -- Computer Science courses included along with the Mathematics courses.

The Tandy Corporation's TRS-80 computers were the most widely used computers (Table 4). There were more TRS-80's than all other makers combined. The TRS-80's represented 54 percent of the units, and Apple came next with 25 percent.

Table 5 shows the distribution of computers by LEA. Of the LEA's, East Baton Rouge Parish reported the most units. The number of schools using the computer by function is shown in Table 6. Most schools used the computer in several ways, with Administrative and Computer Assisted Instruction the most commonly found functions. The estimate of the usefulness of the functions generally followed the same sequence or ranking (Table 7).

Of major interest was the evaluation of the needs in the LEA's. Inservice Teacher Training was clearly considered the most important need, with 70 percent of the repondents ranking inservice training as the number one need. Software and hardware information ranked second and third in importance (Table 8).

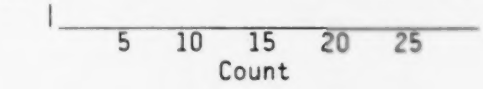
Table 1. Number of schools using and number of schools not using computers in instruction in each local education agency (LEA)*.

LEA	Number of schools using	Number of schools not using	LEA	Number of schools using	Number of schools not using
Acadia	25	0	Morehouse	0	18
Allen	0	10	Natchitoches	1	18
Assumption	0	10	Orleans	35	90
Avoyelles	2	10	Ouachita	2	30
Beauregard	2	9	Pointe Coupee	0	10
Caddo	7	61	Rapides	5	47
Calcasieu	15	52	Red River	4	1
Caldwell	1	0	Sabine	2	11
Cameron	0	7	St. Bernard	17	0
Claiborne	1	9	St. Charles	18	3
Concordia	1	10	St. James	0	12
Desoto	0	11	St. John	2	13
East Baton Rouge	13	92	St. Martin	2	1
East Carroll	2	4	St. Mary	3	27
Evangeline	0	14	St. Tammany	3	35
Grant	5	3	Tensas	0	6
Iberia	7	25	Terrebonne	10	31
Iberville	2	15	Union	0	6
Jackson	1	9	Vernon	5	10
Jefferson Davis	0	15	Webster	24	2
Lafayette	5	0	West Carroll	2	5
Lafourche	7	21	West Feliciana	2	1
LaSalle	1	10	Winn	5	4
Lincoln	2	13	City Monroe	3	16
Livingston	1	26	City Bogalusa	2	8
Madison	4	3			
			Totals	251	844

*Computer Use Survey, LEA's, February, 1982 -- 51 LEA's responding.

Table 2. Number of local education agencies (LEA's) using the computer for instruction at each grade level*.

Grade	LEA Count	Percent
K	5	10
1	8	16
2	13	25
3	14	27
4	15	29
5	18	35
6	19	37
7	19	37
8	19	37
9	22	43
10	28	55
11	28	55
12	29	57



*Computer Use Survey, LEA's, February, 1982 -- 51 LEA's responding.

Table 3. Distribution of computer use in the local education agencies (LEA'S) across subject areas*.

Subject area		LEA Count	Percent
Mathematics	**********	27	53
Computer Science	**********	22	43
Language Arts	**********	13	25
Science	**********	12	24
Business Education	**********	9	18
Gifted and Talented	**********	8	16
Social Studies	**********	5	10
Industrial Arts	**********	1	2
Art		0	0
Home Economics		0	0
Music		0	0
Physical Education		0	0
Other	**********	2	4

5 10 15 20 25
Count

*Computer Use Survey, LEA's, February, 1982 -- 51 LEA's responding.

Table 4. Number of computers by make & model used in the public schools.

Make & Model	Number of Computers	Percent
TRS-80**	259	53.7
Apple	119	24.7
CCC-17	24	5.0
PET	17	3.5
Atari	12	2.5
Digital	12	2.5
Texas Instruments	10	2.1
Bell & Howell	8	1.7
APF	3	.6
Burroughs	2	.4
RCA	2	.4
Heath/Zenith	1	.2
Intertech	1	.2
TSC	1	.2
Terminal	1	.2
Other	10	2.1
Total	482	

*Computer Use Survey, LEA's, February, 1982 -- 51 LEA's responding.

**TRS-80 MOD III	188
TRS-80 MOD I	43
TRS-80 MOD II	28

Table 5. Make and quantity of computer used in the schools by each local education agency (LEA) February, 1982.

LEA	Make and Quantity		LEA	Make and Quantity	
Acadia	TRS-80 MOD I	12	Orleans	Apple	12
	TRS-80 MOD III	6		PET	3
Allen		0		TRS-80 MOD II	1
Assumption		0		TRS-80 MOD III	12
Avoyelles	TRS-80 MOD I	1	Ouachita	RCA	2
	TRS-80 MOD III	1	Pointe Coupee		0
	TRS-80 MOD III	1	Rapides	Apple	2
Beauregard	TRS-80 MOD III	4		Bell & Howell	7
Caddo	Apple	3		TRS-80 MOD II	1
	TRS-80 MOD III	6		TRS-80 MOD III	15
	Other	2	Red River	Apple	8
Calcasieu	Apple	15	Sabine	TRS-80 MOD I	2
	TRS-80 MOD II	10		TRS-80 MOD III	1
	TRS-80 MOD III	10	St Bernard	Apple	20
Caldwell	Heath/Zenith	1		Digital	12
	TRS-80 MOD I	2		TRS-80 MOD I	8
	TRS-80 MOD III	3	St Charles	Apple4	
Cameron		0		TRS-80 MOD III	29
Claiborne	TRS-80 MOD I	1		Texas Instrume	10
Concordia	Intertech	1	St James		0
	TRS-80 MOD III	3	St John	Apple	5
Desoto		0	St Martin	TRS-80 MOD III	2
East Baton	Apple	27	St Mary	TRS-80 MOD III	1
Rouge	TRS-80 MOD III	36	St Tammany	Apple	4
	Other	1		TRS-80 MOD I	1
	Other	1	Tensas		0
East Carroll	CCC-17	24	Terrebonne	Apple	1
Evangeline		0		Atari	7
Grant		0		Burroughs	1
Jackson	TRS-80 MOD II	1		TRS-80 MOD III	3
	TRS-80 MOD III	2	Union		0
Jefferson Davis		0	Vernon	Apple	2
Lafayette		0		TRS-80 MOD III	8
Lafourche	Apple	6	Webster	TRS-80 MOD II	15
	TRS-80 MOD I	8		TRS-80 MOD III	34
LaSalle	APF3		West Carroll	TSC	1
	Apple	1		TRS-80 MOD III	8
Lincoln	Other	2	West Feliciana	Apple	1
Livingston	Apple	1		Apple	1
Madison	PET	9		Bell & Howell	1
	TRS-80 MOD I	1	Winn	Apple	5
Morehouse		0	City Monroe	PET	2
Natchitoches	Apple	1		TRS-80 MOD III	2
	Burroughs	1		Terminal	1
			City Bogalusa	TRS-80 MOD III	5
				TRS-80 MOD III	1

*Computer Use Survey, LEA's, February, 1982 -- 51 LEA's responding.

Table 6. Functional use of the computer in the local education agencies (LEA'S) ranked by number of schools using each function*.

Functional Use	Number of schools	Rank
Administrative	195	1
Computer Assisted Instruction	141	2
Computer Awareness Instruction	118	3
Computer Science Instruction	117	4
Computer Managed Instruction	91	5
Other**	29	6
Tracking Special Ed. Students	23	7
Career Guidance	6	8

*Computer Use Survey, LEA's, February, 1982 -- 51 LEA's responding.

**Other responses included Business Education and Gifted and Talented Programs.

Table 7. Ratings of usefulness of the functional uses of the computer by the local education agencies (LEA'S) listed by number of schools using each function*.

Functional use	Usefulness rating				Score**
	Very useful	Useful	Not useful	No response	
Administrative	39	5	0	7	79
Computer Assisted Instruction	31	14	1	5	76
Computer Awareness Instruction	26	16	1	8	68
Computer Science Instruction	31	13	1	6	75
Computer Managed Instruction	29	14	2	6	72
Other***	5	0	0	46	10
Career Guidance	22	22	0	7	66

*Computer Use Survey, LEA's, February, 1982 -- 51 LEA's responding.

**Score based on two points for a "very useful" response, one point for a "useful" response, and zero for a "not useful" or no response.

***Other responses included Business Education and Gifted and Talented Programs.

Table 8. Needs relative to use of computers and assistance available for each need in the local education agencies (LEA'S) as ranked by the LEA'S*

Need	Mean score**	Rank	Number of LEA'S with assistance available
Inservice Teacher Training	1.4	1	18
Computer Software Information	2.1	2	19
Computer Equipment Information	2.6	3	22

*Computer Use Survey, LEA's, February, 1982 -- 51 LEA's responding.

**Score based on one point for the most critical need, two for the next most critical need, and so forth.

The LEA central offices placed "administrative functions" (payroll, records, etc.) and "generating statistical and financial reports" as the two most common functional uses (Table 9). Relative to the central office providing a function to the schools, the central office considered administrative functions as most useful (Table 10).

In the ranking of the needs at the central office, inservice training ranked number one (Table 11). Among the write-in answers entered in the "other" category, one of interest was "clarification and consolidation of State Department reporting requirements."

CONCLUSIONS

This study indicated that 78 percent of the LEA's have computers in one or more of their public schools. It is clear that the introduction of the computer into our Louisiana schools has occurred. A large portion of our educational community has embraced this technological aid by providing both equipment and programs on their own initiative at the LEA level.

However, most repondents felt that there was a strong need for information on using the computers and information on available software and hardware.

RECOMMENDATIONS

The Louisiana State Department of Education has begun providing assistance in this area. The Department can provide more assistance through increasing activities in the following areas:

1. Computer Awareness Workshops for teachers and administrators.

2. Preparation and distribution of information packages, using all available media, about (a) instructional uses of the computer, (b) guidelines for acquisition of microcomputer hardware and software, and (c) guidelines for integrating use of the computer into the schools' curricula.

Table 9. Number of local education agency (LEA) central offices using the computer for various functions*.

Functional use	LEA central office count	Rank
Administrative	46	1
Generating Statistical and Financial Reports	27	2
Tracking Special Ed. Students	15	3
Computer Managed Instruction	10	4
Computer Assisted Instruction	6	5.5
Other**	6	5.5
Career Guidance	1	7

*Computer Use Survey, LEA's, February, 1982 -- 51 LEA's responding.

**Other responses included Business Education Programs.

Table 10. Usefulness of the functional uses of the computer as rated by the local education agency (LEA) central offices listed in order of the number of schools using each function*.

Functional use	Usefulness rating				Score**
	Very Useful	Useful	Not Useful	No Response	
Administrative	43	5	0	2	91
Computer Assisted Instruction	26	16	1	7	68
Career Guidance	20	24	0	6	64
Computer Managed Instruction	22	19	2	7	63
Other***	6	0	0	47	12

*Computer Use Survey, LEA's, February, 1982 -- 51 LEA's responding.

**Score based on two points for a "very useful" response, one point for a "useful" response, and zero for a "not useful" or no response.

***Other responses included Business Education and Gifted and Talented Programs.

Table 11. Needs relative to data processing in the central office and assistance available for each need in the local education agencies (LEA'S) as ranked by the LEA central offices*.

Need	Mean score**	Rank	Number of LEA'S with assistance available
Inservice Training	2.2	1	16
Computer Software Information	2.3	2	18
Ability to use the computer in Reporting to the State Dept. of Education	2.4	3	10
Computer Equipment Information	2.9	4	19

*Computer Use Survey, LEA's, February, 1982 -- 51 LEA's responding.

** Score based on one point for the most critical need, two for the next most critical need, and so forth.

3. Establishment of a statewide network of Instructional Computing Resource Centers (ICRC) in which the ICRC within the Department can aid in the orchestration of developing and distributing instructional computing resources and services to the educational community.

4. Participation on a state level in regional and national educational computing organizations that develop and distribute instructional software.

5. Establishment of a structure and process to continue to identify problems and the changing needs in this area.

The microcomputer is in our homes and schools. The Department's active guidance in instructional computing is needed to minimize waste and confusion and maximize the benefit from this technological aid to education.

APPENDIX A. SAMPLE SURVEY INSTRUMENT

LOUISIANA STATE DEPARTMENT OF EDUCATION COMPUTER SURVEY

To: Ms. Smith

From: Dr. John Hubbell

Computers of all kinds are being used more frequently in our schools. We support this trend, but feel that teachers need more resources in order to use computers effectively. We are trying to determine what resources should be provided to the schools and to the Central Offices. If you have any questions please call Shirley McCandless or Dr. Hubbell at (504)342-0090. In response to our phone conversation, please complete and use the envelope provided to return the survey by February 26, 1982 to :

Dr. John N. Hubbell, Assistant Director
Bureau of MIS, Office of Research and Development
3455 Florida Blvd.
Baton Rouge, LA 70806.

PART A: INSTRUCTIONAL COMPUTING NEEDS

Name of person completing survey: _____ (1_39)

Phone: _____ (40_49) School System: _____ (50_51)

Date Completed: _____

1. How many public schools in your school system are NOW using computers in instruction? _____ (52_54)

2. How many schools are NOT using computers in instruction? _____ (55_57)

*******If the computer is NOT used for instruction in your school, please skip to question 5.**********

3. Please circle those grades in which computers are now used for instruction in your school: K 1 2 3 4 5 6 7 8 9 10 11 12 (58_70)

4. In what subject areas are computers used for instruction in your school? Check appropriate areas.

   Language Arts ( ) (71) Science ( ) (72) Music ( ) (73) Physical Ed. ( ) (74)

   Social Studies ( ) (75) Math ( ) (76) Art ( ) (77) Home Ec. ( ) (78)

   Industrial Arts ( ) (79) Computer Science ( ) (80) Other_____ (1)

5. Indicate how many and what models of computers are used in your schools.

Quantity	Make and Model
_____ (2_4)	_____ (5)
_____ (6_8)	_____ (9)
_____ (10_12)	_____ (13)
_____ (14_16)	_____ (17)

Continued on the back ...

6. Please indicate how computers are NOW being used in schools in your system by writing the number of schools that use computers in each of the following functions:

FUNCTION	NUMBER OF SCHOOLS
Administrative Functions (Computer used for scheduling, reports, records, etc.)	____ 18_20
Computer-Managed Instruction (Computer used for recording class performance, grading)	____ 21_23
Computer-Assisted Instruction (Computer used for drills in support of class activities)	____ 24_26
Computer Science Instruction (Understanding computer operations, programming, etc.)	____ 27_29
Computer Awareness Instruction (Brief introduction to the current use of computers.)	____ 30_32
Career Guidance (Computer used for guidance activities with students.)	____ 33_35
Tracking of Special Education students (Computer used for tracking progress and testing, etc.)	____ 36_38
Other: _____ (Describe briefly.)	____ 39_41

7. If each function were available for use in your schools, how useful would that function be to the schools in performing their job?

FUNCTION	very useful	useful	not useful	
Administrative Functions	___	___	___	42
Computer-Managed Instruction	___	___	___	43
Computer-Assisted Instruction	___	___	___	44
Computer Science Instruction	___	___	___	45
Computer Awareness Instruction	___	___	___	46
Career Guidance	___	___	___	47
Other: _____	___	___	___	48

8. Please rank the needs listed below in order of how critical you believe them to be. Rank the most critical need as 1, the next most as 2, etc. Also indicate if assistance is currently available in your school district.

NEEDS	RANK	ASSISTANCE AVAILABLE	
Inservice Teacher Training	____ 49	YES 50	NO
Computer equipment information	____ 51	YES 52	NO
Computer software information (Computer software refers to programs available to run on the computer)	____ 53	YES 54	NO
Other: _____	____ 55	YES 56	NO

This is the end of Part A. Part B begins on the next page.

LOUISIANA STATE DEPARTMENT OF EDUCATION COMPUTER SURVEY

PART B: CENTRAL OFFICE DATA PROCESSING NEEDS

This is the second part of a two part survey. The first part addresses instructional computing needs. Because this part may be completed separately from the first part, the following information is provided here.

Computers of all kinds are being used more frequently in our schools. We support this trend, but feel that we all need more resources in order to use computers effectively. We are trying to determine what resources should be provided to the schools and to the Central Offices. If you have any questions, please call Shirley McCandless or Dr. Hubbell at (504)342-0090. In response to our phone conversation, please complete and use the envelope provided to return the survey by February 26, 1982 to :

Dr. John N. Hubbell, Assistant Director
Bureau of MIS, Office of Research and Development
3455 Florida Blvd.
Baton Rouge, LA 70806.

Name of person completing survey: _____ 1_39

Phone: _____ 40_49 School System: _____ 50_51

Date Completed: _____

1. Please indicate how computers are NOW being used in the Central Office of your school system by placing a check mark in the "IN USE" column for each of the following functions in use in your Central Office.

FUNCTION	IN USE
Administrative Functions (Computer used for payroll, reports, records, etc.)	_____ 52
Computer-Managed Instruction (Computer used for recording class performance, etc.)	_____ 53
Computer Used in Direct Instruction (Computers used for drill and practice, computer science.)	_____ 54
Career Guidance (Computer used for guidance activities with students.)	_____ 55
Tracking of Special Education students (Computer used for tracking progress and testing, etc.)	_____ 56
Generating Statistical and Financial Reports for the State Dept. of Education.	_____ 57
Other: _____ (Describe briefly.)	_____ 58

Continued on the back...

LOUISIANA STATE DEPARTMENT OF EDUCATION COMPUTER SURVEY

2. If each function were available for use in your schools, how useful would that function be to the schools in performing their job?

FUNCTION	very useful	useful	not useful	
Administrative Functions	___	___	___	_59
Computer-Managed Instruction	___	___	___	_60
Computer-Assisted Instruction	___	___	___	_61
Career Guidance	___	___	___	_62
Other: _____	___	___	___	_63

3. Please rank the needs listed below in order of how critical you believe them to be. Rank the most critical need as 1, the next most as 2, etc. Also indicate if assistance is currently available to your school district.

NEEDS	RANK	ASSISTANCE AVAILABLE	
Inservice Training	____ _64	YES _65	NO
Computer equipment information	____ _66	YES _67	NO
Computer software information	____ _68	YES _69	NO
Ability to use the computer in reporting to the State Dept. of Education	____ _70	YES _71	NO
Other: _____	____ _72	YES _73	NO

4. Indicate how many and what models of computers are used in the Central Office of your school system.

Quantity	Make and Model
_____	_____
_____	_____
_____	_____
_____	_____

5. Do you have optical scanning equipment? Circle correct answer.

YES NO

6. If YES, please indicate how many and what make and model(s).

Quantity	Make and Model
_____	_____
_____	_____

7. Do you have terminals which are located in the schools and are connected with a computer in your central office?

YES NO

8. If YES, please indicate how many and what make and model(s).

Quantity	Make and Model
_____	_____
_____	_____
_____	_____
_____	_____

****

WE THANK YOU FOR GIVING YOUR PROMPT ATTENTION TO THIS SURVEY.

APPENDIX B. CENTRAL OFFICE COMPUTERS

CENTRAL OFFICE COMPUTER	LOCAL EDUCATION AGENCY
None Reported	Ascension
None Reported	Avoyelles
None Reported	Beauregard
None Reported	Bienville
None Reported	Bossier
None Reported	Caddo
None Reported	Catahoula
None Reported	East Feliciana
None Reported	Franklin
None Reported	Jackson
None Reported	Jefferson
None Reported	Jefferson Davis
None Reported	Lincoln
None Reported	Natchitoches
None Reported	Plaquemines
None Reported	St. Helena
None Reported	St. John
None Reported	St. Landry
None Reported	Tangipahoa
None Reported	Terrebonne
None Reported	Vermilion
None Reported	Washington
None Reported	West Baton Rouge
None Reported	City of Bogalusa
(Bid Winner - IBM)	Rapides
(Contract)	East Carroll
(Info. Not Avail.)	Lafayette
(3 terminals to a service bureau)	Vernon
Alpha-Micro & Soroc	Lasalle
Apple II	Calcasieu
Apple II+	Red River
Apple II+	West Feliciana
Basic Four 210	East Baton Rouge
Burroughs B-800	St. Mary
Burroughs B1955	Lafourche
Burroughs B3955	East Baton Rouge
Burroughs B93	Pointe Coupee
Burroughs L-5000	Sabine
Burroughs L-6000	Assumption
Burroughs L-6000	West Carroll
Burroughs L-8700	Webster
Burroughs L-8900	St. James
Burroughs L-9000	Iberville
Burroughs L-9000	Morehouse
Burroughs L-9000	City of Monroe
Burroughs 1855	Iberia
Contract; 3 Term. & 2 Printers	St. Martin
Digital	St. Bernard

CENTRAL OFFICE COMPUTER	LOCAL EDUCATION AGENCY
Digital Word Processor	St. Tammany
EPIC	Allen
EPIC	Cameron
Heath-Zenith	Caldwell
Honeywell Level 62	St. Tammany
IBM II	St. Bernard
IBM 34	Livingston
IBM 4341-L2	Orleans
Intertec Compustar	Grant
Intertec Compustar	Lasalle
Intertec Compustar	Madison
Intertec Compustar 30	Tensas
Intertec Compustar 30	Winn
Intertec Superbrain QD	West Carroll
NCR Century 151	Calcasieu
NCR Century 300	Concordia
NCR V-8455	Ouachita
NCR 499	Desoto
NCR 499	Union
NCR 499 Mini	Grant
NCR 799	Iberville
NCR 8022	Richland
NCR 9020	Evangeline
TRS-80 Model I	Acadia
TRS-80 Model I	Caldwell
TRS-80 Model II	Webster
TRS-80 Model III	Acadia
TRS-80 Model III	Caldwell
TRS-80 Model III	Claiborne